

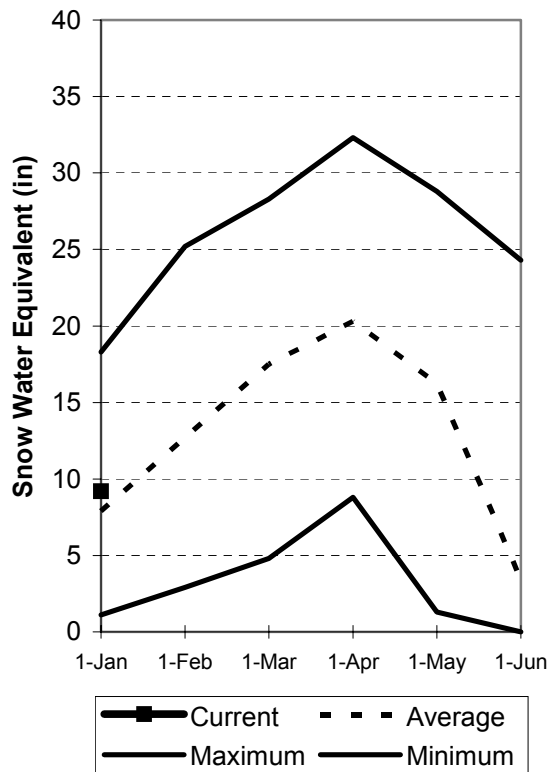
Bear River Basin

Jan 1, 2004

Snowpacks on the Bear River Basin are above average at 116% of normal, about 152% of last year. Specific sites range from 92% to 163% of normal. December precipitation was above average at 126%, which brings the seasonal accumulation (Oct-Dec) to 100% of average. Soil moisture levels in runoff producing areas indicate about 7 inches of deficit in the upper 2 feet of soil. Forecast streamflows are for much below normal (19%) to near normal volumes (100%) this spring. Reservoir storage is extremely low at 2% of capacity. The Surface Water Supply Index is at 2% for the Bear River, or 98% of years have had more total water available. Water supply conditions are much below normal due to low reservoir storage and soil moisture.

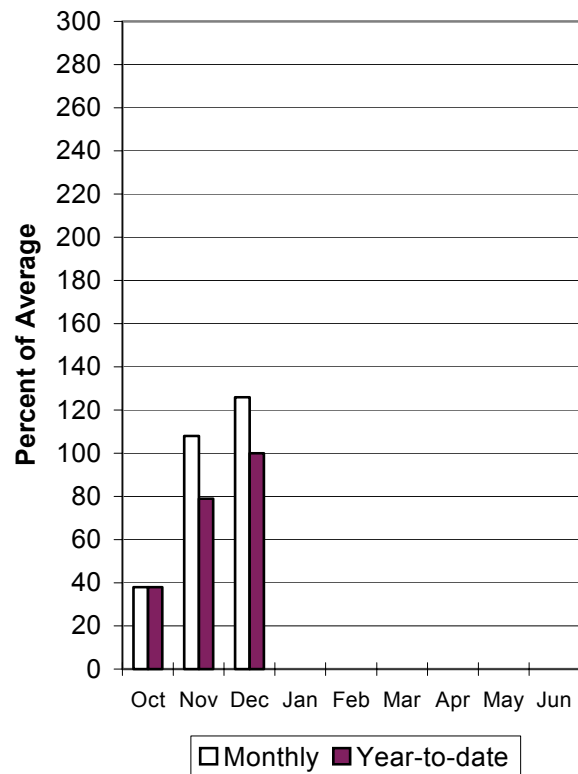
Bear River Snowpack

1/1/2004



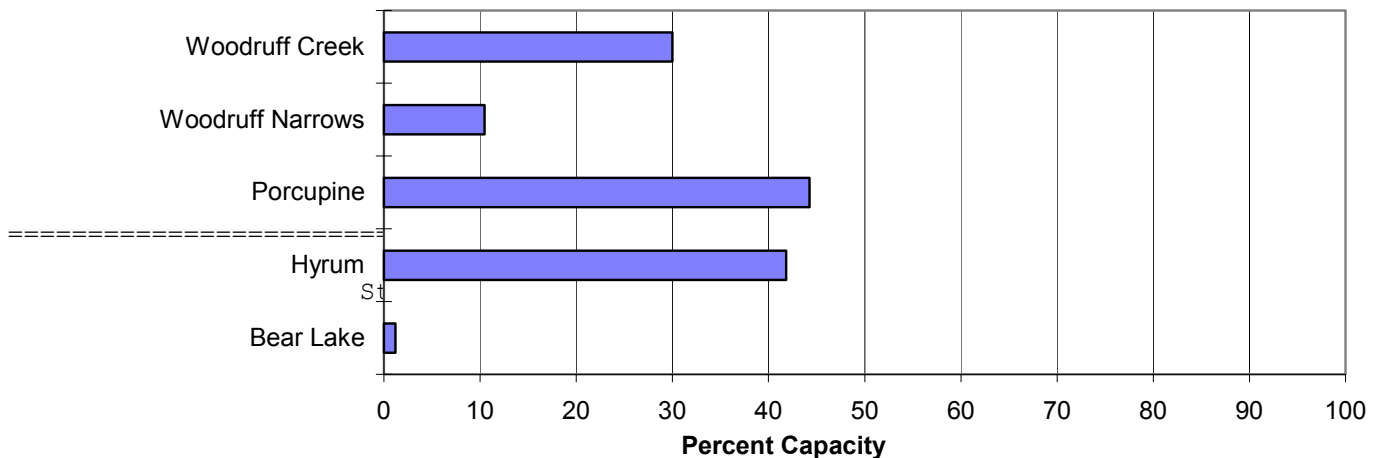
Bear River Precipitation

1/1/2004



Reservoir Storage

1/1/2004



	<=== Drier === Future Conditions === Wetter ===>						
Forecast Pt	Chance of Exceeding *						
Forecast	90%	70%	50% (Most Prob)	30%	10%	30 Yr Avg	
Period	(1000AF)	(1000AF)	(1000AF) (% AVG.)	(1000AF)	(1000AF)	(1000AF)	
Bear River nr UT-WY State Line							
APR-JUL	64	87	103	91	119	142	113
Bear River ab Reservoir nr Woodruff							
APR-JUL	21	58	83	61	108	145	136
Big Creek nr Randolph							
APR-JUL	0.42	1.90	2.90	59	3.90	5.40	4.90
Smiths Fork nr Border							
APR-JUL	52	74	89	86	104	126	103
Bear River at Stewart Dam							
APR-JUL	7.0	25	43	19	66	110	227
Little Bear River at Paradise							
APR-JUL	23	36	46	100	58	77	46
Logan River nr Logan combined flow							
APR-JUL	67	94	115	91	138	176	126
Blacksmith Fork nr Hyrum							
APR-JUL	23	35	44	92	54	72	48

* 90%, 70%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

The average is computed for the 1971-2000 base period.

- (1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
- (2) - The value is natural volume - actual volume may be affected by upstream water management.

BEAR RIVER BASIN Reservoir Storage (1000AF) End of December

Reservoir	Usable Capacity	***** This Year	***** Usable Storage Last Year	***** Average
BEAR LAKE	1302.0	15.7	352.0	----
HYRUM	15.3	6.4	6.0	10.2
PORCUPINE	11.3	5.0	5.4	3.9
WOODRUFF NARROWS	57.3	6.0	7.0	23.6
WOODRUFF CREEK	4.0	1.2	2.5	----

BEAR RIVER BASIN Watershed Snowpack Analysis - January 1, 2004

Watershed	Number of Data Sites	This Year as Percent of Last Year	Average
BEAR RIVER, UPPER (abv Harer	6	138	104
BEAR RIVER, LOWER (blw Harer	8	157	125
LOGAN RIVER	4	157	122
RAFT RIVER	1	175	124

BEAR RIVER BASIN	14	150	116
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